Pesticides formulations by Institute of Pesticides formulations technology, Gurgaon

2054. SHRI ASHOK NATO VERMA: Will the PRIME MINISTER be pleased to state:

(a) what are the names and details of newer and safer formulations tech- ology, process know-how and Machinery etc. being developed by the Institute of Pesticides Formulation technology Gurgaon (Haryana);

(b) what are the norms and criteria laid down by the Institute for release of formulation, technology referred above;

(c) 'what are the other[1] acitivities, functions of the Institute for development and promotion of pesticides and its formulations; and

(d) whether Institute has developed any process know-how technology for control of mosquito and Mosquito Larve. if so, whether the technology have been released for commercialisation if so, what are the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF CHEMICALS AND FERTILIZERS (SHRI CHINTA MOHAN): (a) The Institute is developing water based pesticide formulations, water dispersible granule formulations for eliminating pesticide dust pollution while applying and slow release formulations. It is not developing any machinery for pesticide formulations but is identifying the most efficient formulation equipments available in the developing countries for adoption by the Indian industry-

(b) The Institute is presently in the process of laying down the norms and criteria for the release of the formulation technologies.

(c) Training of the pesticides industry personnel, rendering analytical services to the industry and development of tailor-made formulations on the demand of individual industries are some of the other activities of the Institute.

(d) A process has been developed and the products produced on the bench scale are under evaluation by the concerned authorities. The question of its release for commercialisation would arise only after the evaluation results are available.

Selling price of urea

2055. MISS. SAROJ KHAPARDE: Will the Minister of CHEMICALS AND FERTILIZERS be pleased to state:

(a) whether it is a fact that the selliag Price of urea was Rs. 2350/- per tonne in July, 1981;

(b) if so, what is the selling price of urea at present;

(c) he extent of increases in the prices of feedstocks; utilities and wagons during the last three years; and

(d) to what extent the cot of new fertili zer plants have gone up during this period?

THE MINISTER OF STATE IN THE MINISTRY OF CHEMICALS AND FERTILIZERS (SHRI CHINTA MOHAN): (a) Yes, Sir.

(b) The selling price of Urea at present is Rs. 3060 per MT.

(c) During the period 1.4.1988 to 1.4.1991, the increase in the price of feedstocks (petroleum, products) was to the extend of 26 per cent, coal 27 per cent. power 78 percent, water 40 per cent. and salaries and wages about 20 per cent;

(d) The average cost of the three larget size fertilizer plants set up on the HBJ pipeline for producing urea in the period between July, 1988 to November, 1988 was Rs. 627 crores per plant. In the last 2—3 years, escalation in plant costs has taken place both due to inflation and ex change rate variation. However, since no further capacity for urea has beten added in this period. It is difficult to quantify the extent of increase of plant cost duir- last three years.